



KOLHAPUR INSTITUTE
OF TECHNOLOGY'S
COLLEGE OF
ENGINEERING
KOLHAPUR

K.I.T.'s COLLEGE OF ENGINEERING, KOLHAPUR.

(An Autonomous Institute)

An Autonomous Institution
Accredited 'A' Grade by NAAC with CGPA 3.12

DEPARTMENT OF MECHANICAL ENGINEERING

LAB INFRASTRUCTURE

Sr. No	Laboratory Name	Lab Area Sq.m	Total Investment In Rs.	Major Equipment Name	Cost of Equipment
1	Automobile Engineering	91	9,30,062.00	Six Cylinder Turbo charger Diesel Engine TCL Model Whole Assembly -70E 62575374	Rs.4,10,000/-
2	I.C.Engines	91	10,27,437.00	Computerized VCR Single Cylinder Diesel Engine Test Rig. Set up with Eddy Current Dynamometer	Rs. 7,20,000/-
3	Heat & Mass Transfer	91	3,65,892.00	Shell & Tube Heat Exchanger Model	Rs. 1,25,000/-
4	Applied Thermodynamics	91	74,900.00	Test on Carbon Residues Apparatus	Rs. 20,000/-
5	Basic Mechanical Engineering	45.80	95,359.00	Refrigeration Tutor	Rs.38195.18/-
6	Mechatronics	91	7,12,781.80	Mechatronics Training Kit	Rs. 3,96,590.00
7	Testing & Measurement	91	2,16,081.00	Vibration Measurement Set	Rs. 50,452.00
8	Refrigeration & Air Conditioning	91	8,07,069.00	Cascade System	Rs.3,05,395
9	Computer Laboratory	91	25,19,094.00	3 D PRINTER MODEL: PRATHAM	Rs. 63000
10	Theory of Machine	91	3,28,790.00	Measurement of slip & Creep Apparatus	Rs. 55125
11	Metallurgy	91	2,05,349.00	Triangular Microscope with CCTV attachment	Rs. 1,47,313.00
12	Fluid Mechanics	91	1,72,125.00	Bernoulli's Therom	Rs. 22500
13	Fluid & Turbo Machinery	91	3,60,946.00	Francis Turbine Test Rig	Rs. 102663.00



An Autonomous Institution
Accredited 'A' Grade by NAAC with CGPA 3.12

K.I.T.'s COLLEGE OF ENGINEERING, KOLHAPUR.

(An Autonomous Institute)

DEPARTMENT OF MECHANICAL ENGINEERING

LAB INFRASTRUCTURE

14	Metrology & Quality Control	91	7,94,435.00	Surf Test (Model 301)	Rs. 1,60,590.00
15	Machine Design Lab	91	68,250.00	Spur Gear (19 nos)	Rs.40000
16	Industrial Fluid Power	91	4,68,591.60	Electro- Hydraulic Trainer	Rs. 2,47,500.00
		Total	91,47,161.40		29,04,323.18